

Fig. 1
Polar. Art

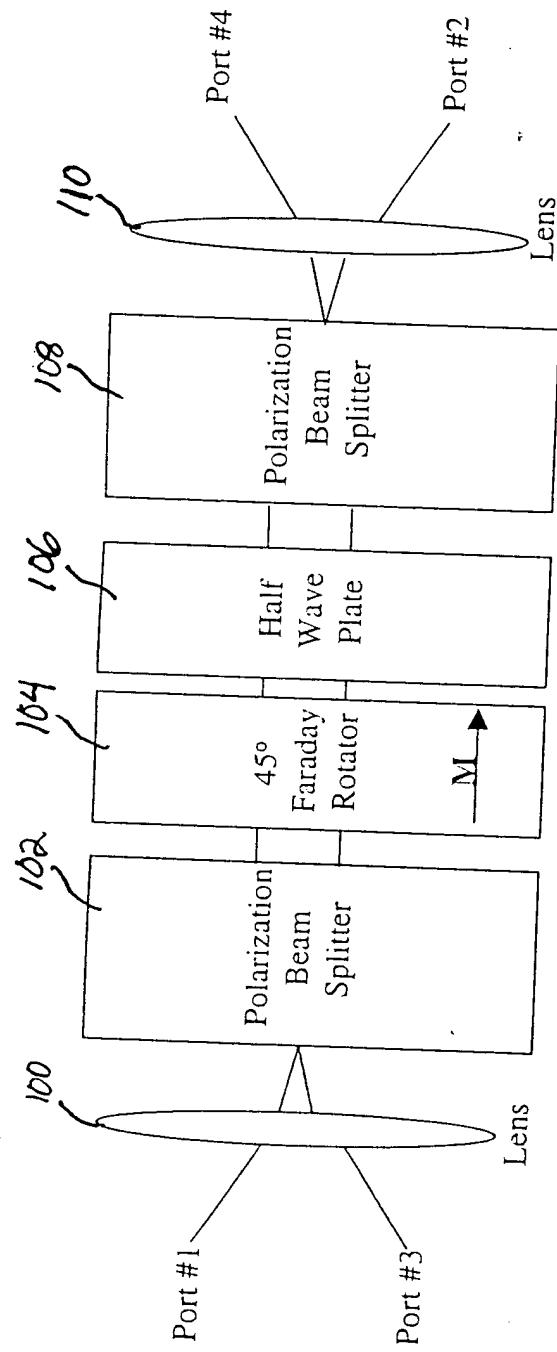
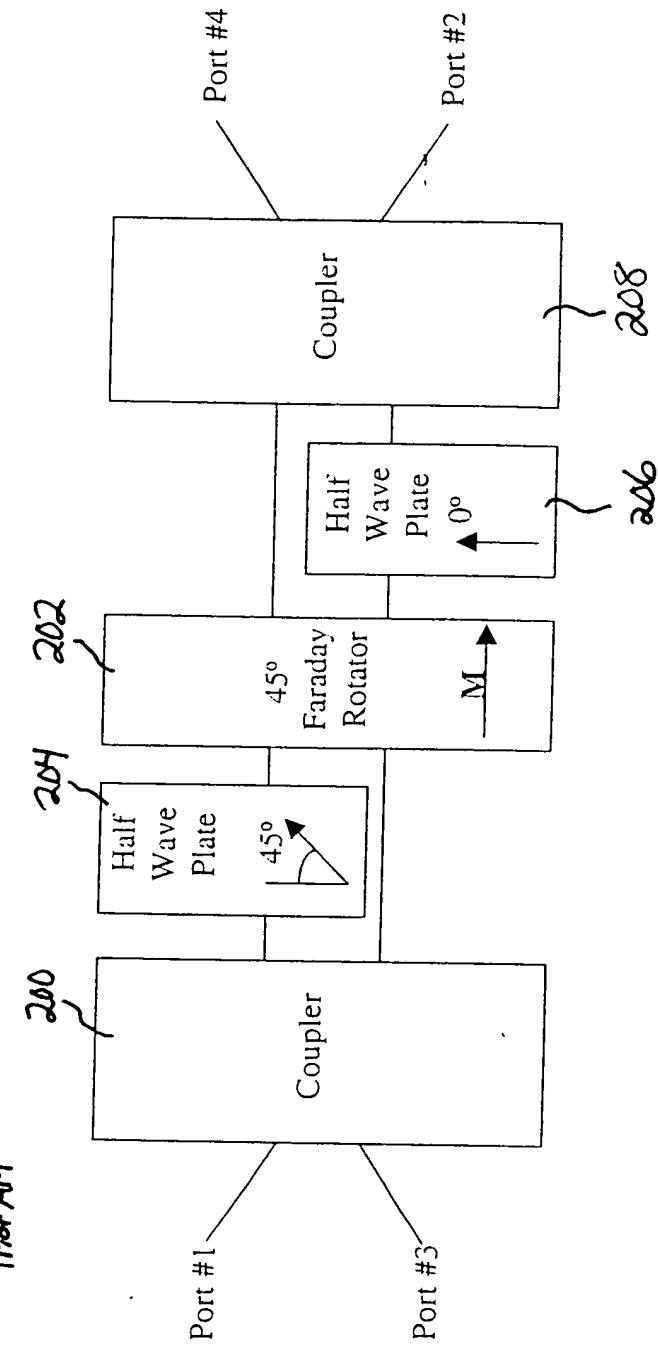


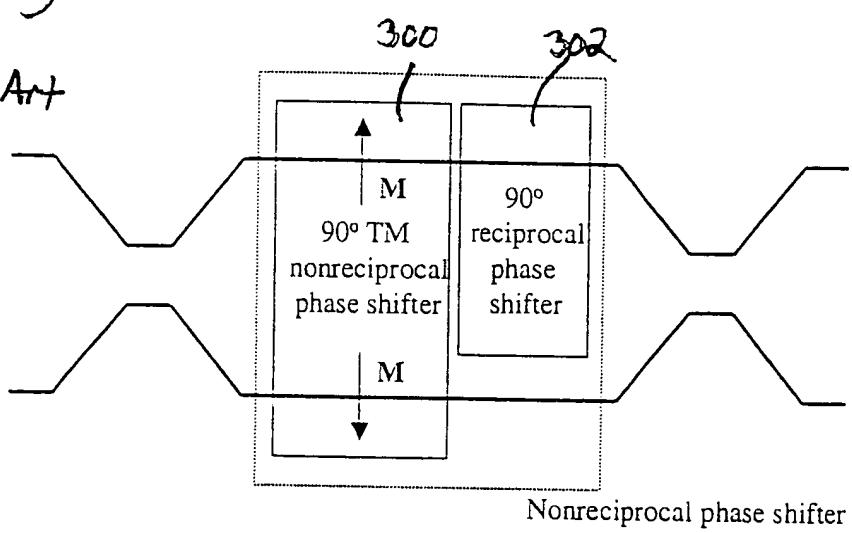
Fig. 2
Prior Art



09965096-011702

Fig. 3

Prior Art



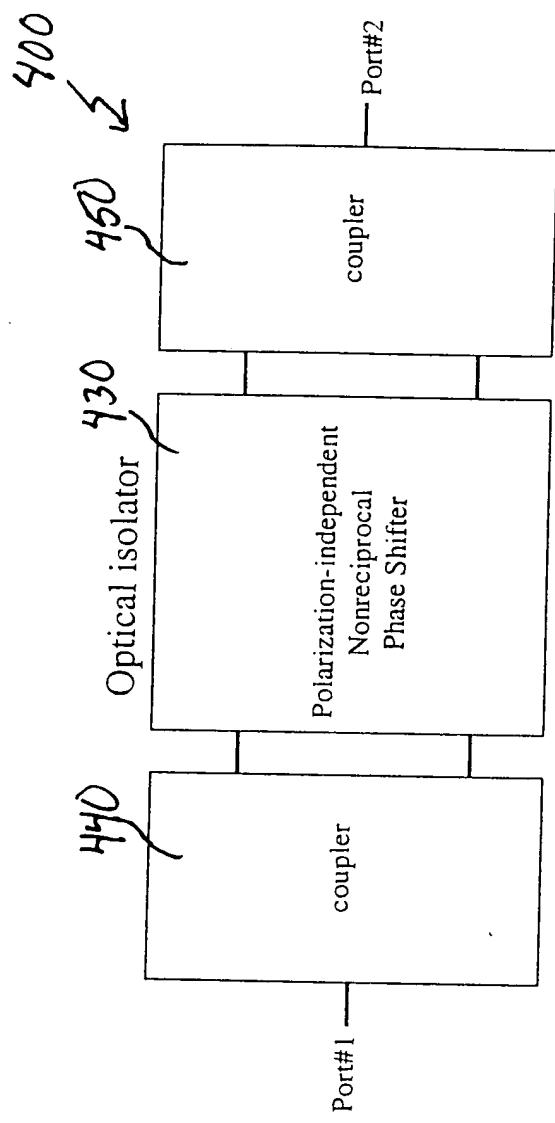


Fig. 4A

Fig. 4B

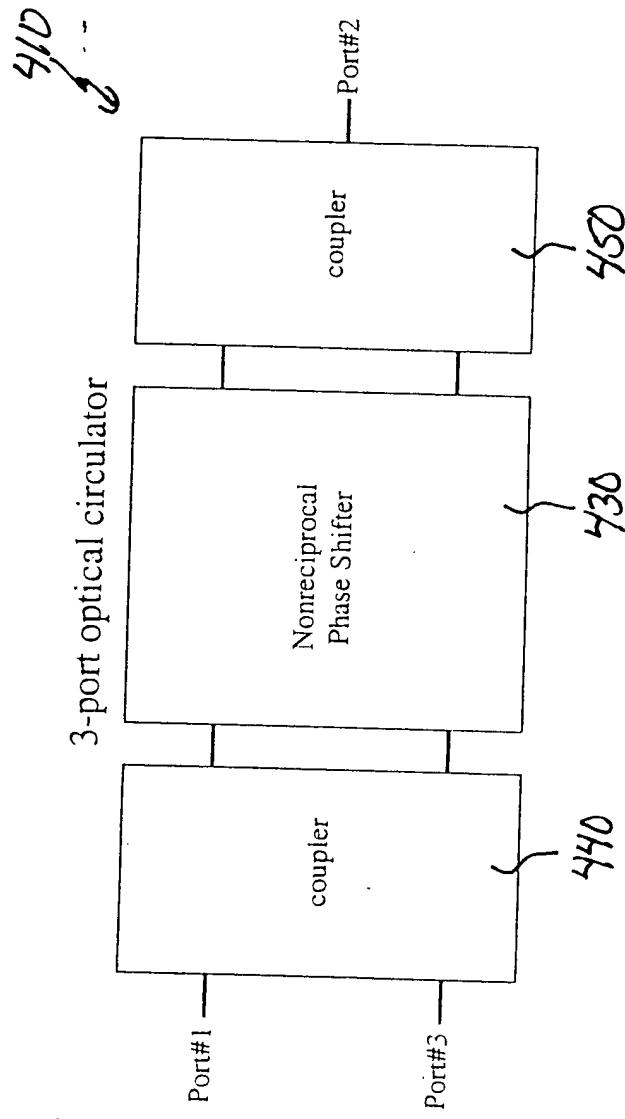
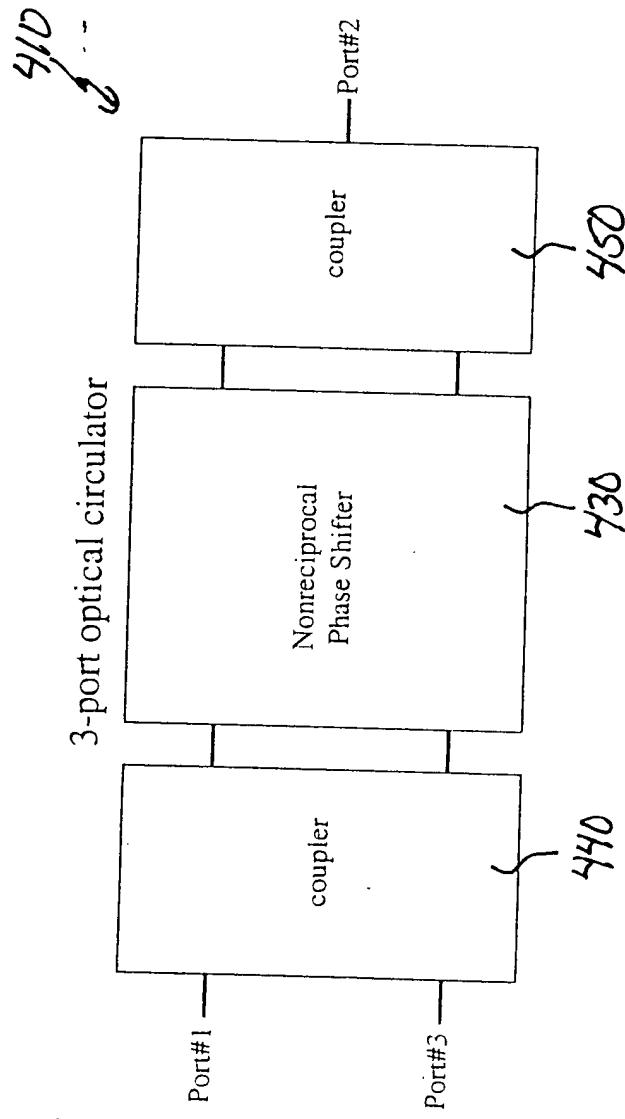
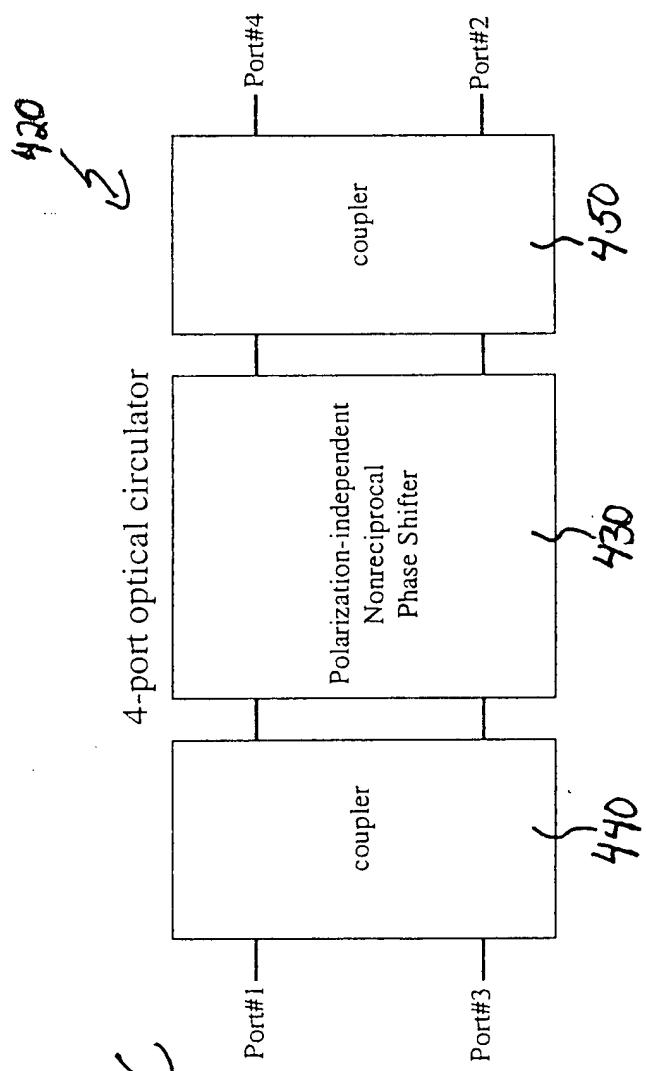


Fig. 4C



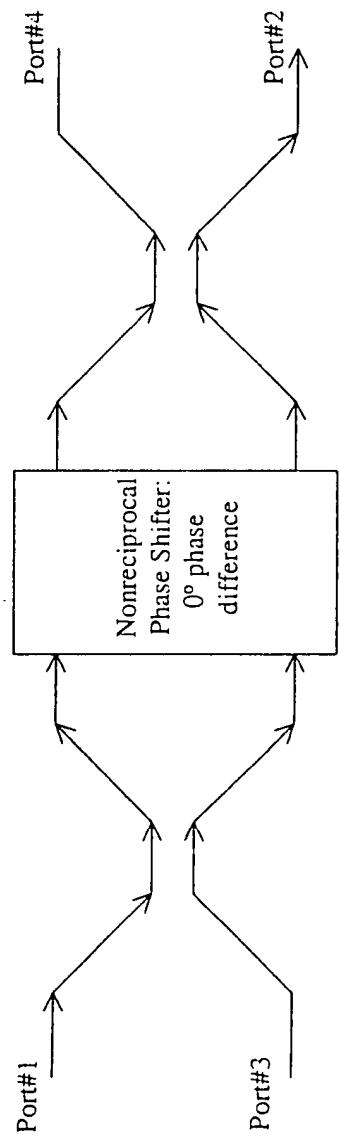


Fig. 5A

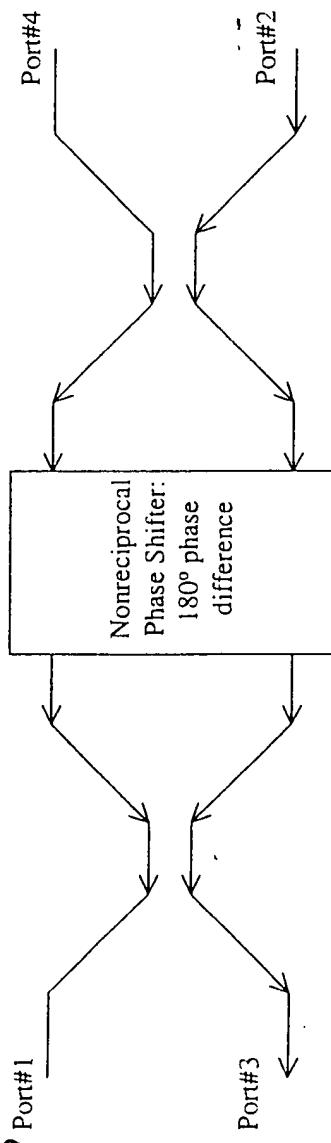


Fig. 5B

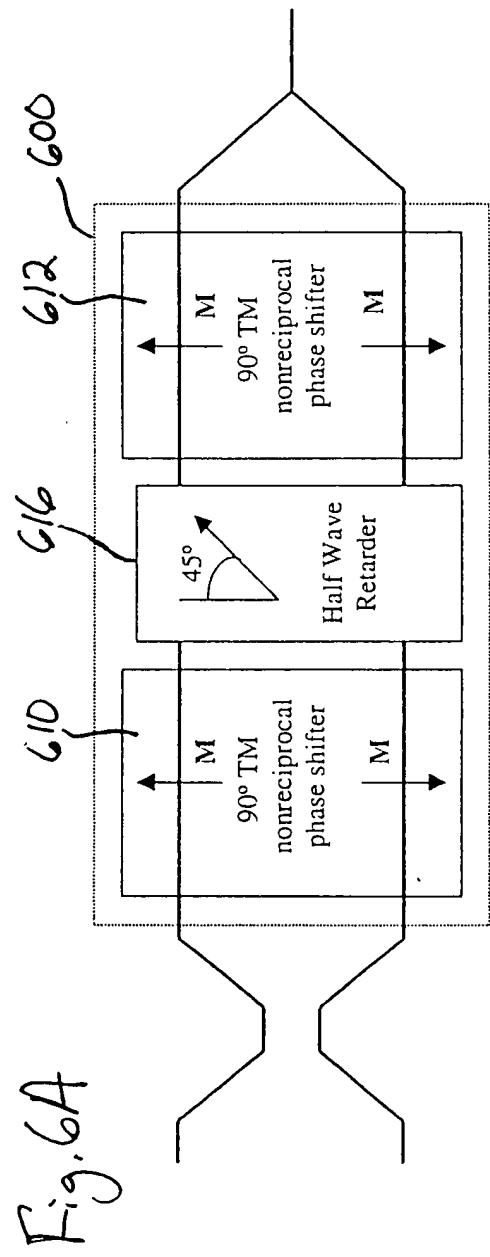


Fig. 6B

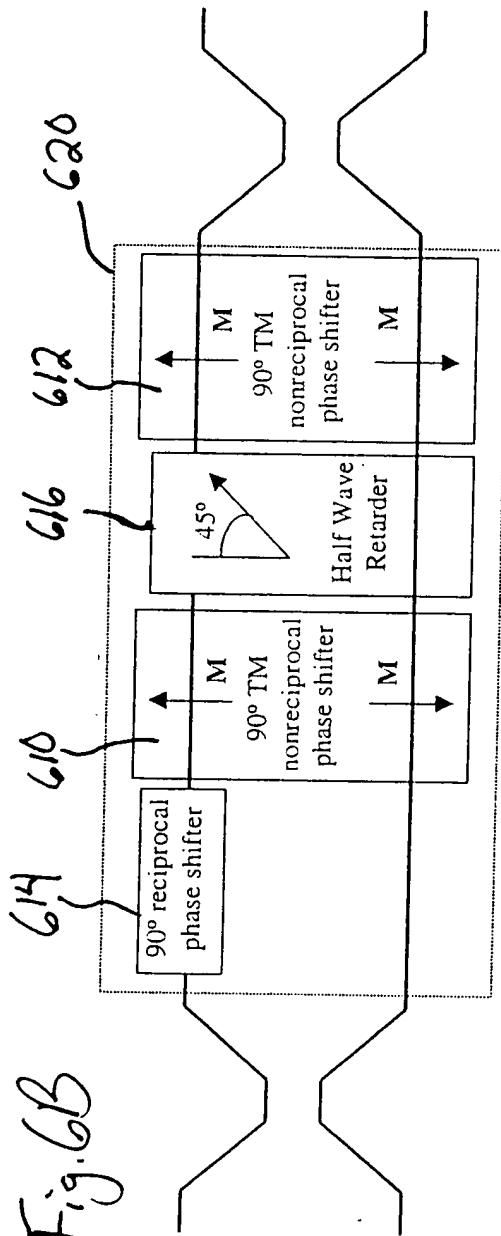


Fig. 6C

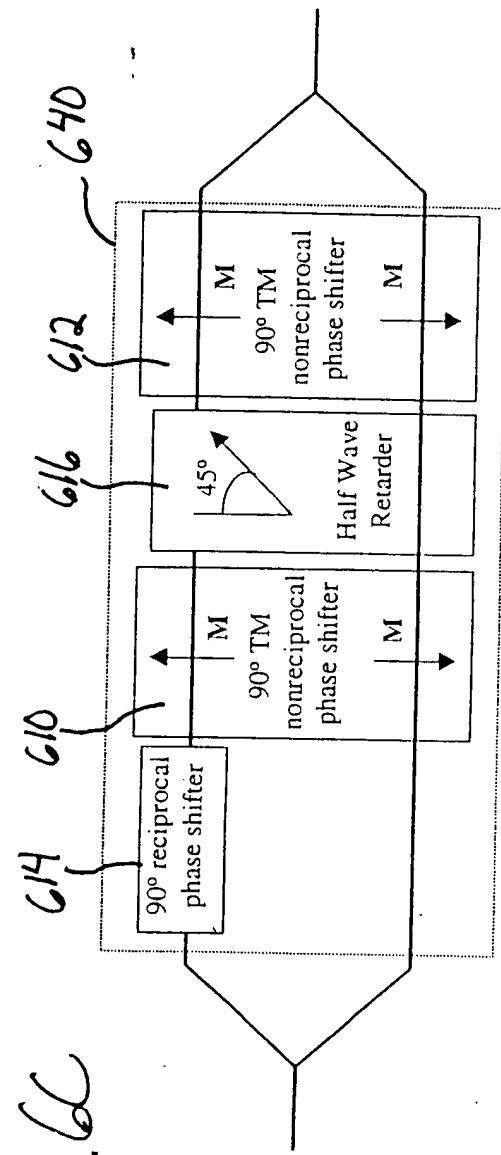
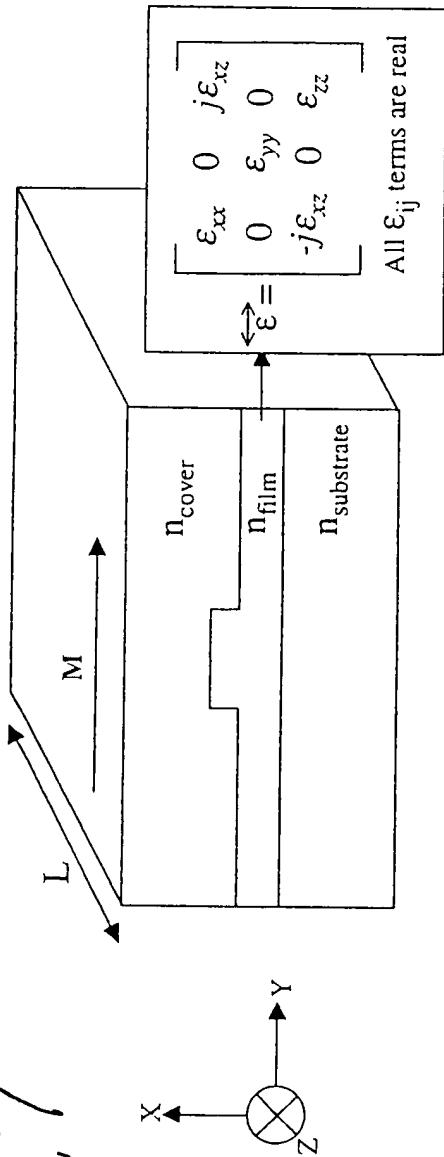


Fig. 7



$$\delta\beta = 2\Delta\beta = j \frac{2\omega\epsilon_0}{N} \iint E_x^* \epsilon_{xz} E_z dx dy$$

E_x, E_z : electric field components
 ω : optical frequency
 ϵ_0 : dielectric constant in free space
 N : power normalization factor

Choose: $\delta\beta \cdot L = 90^\circ$

Fig.8

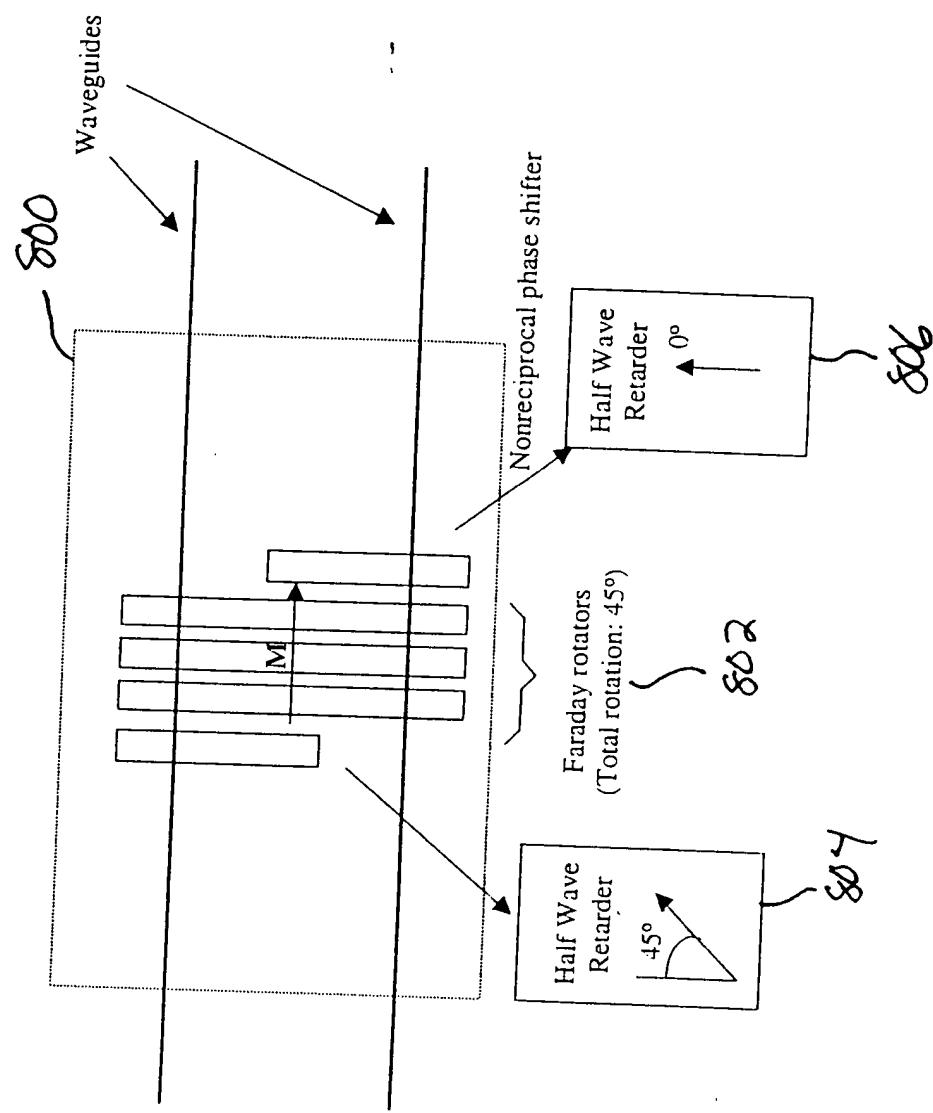


Fig. 9

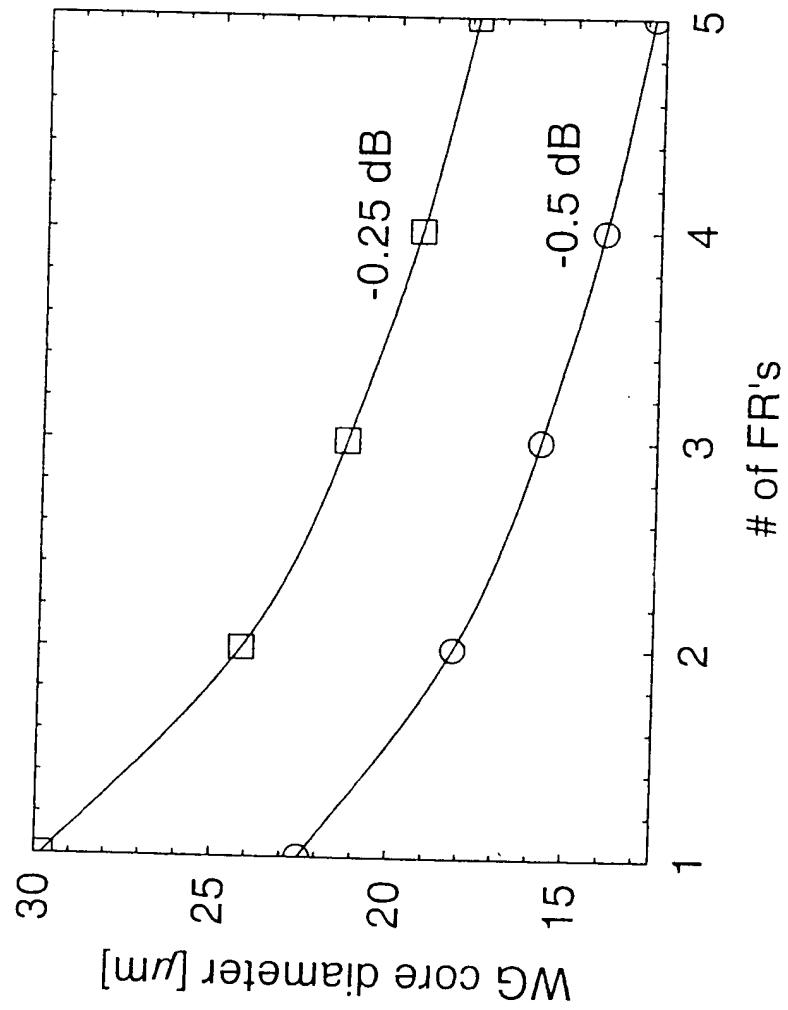


Fig. 10

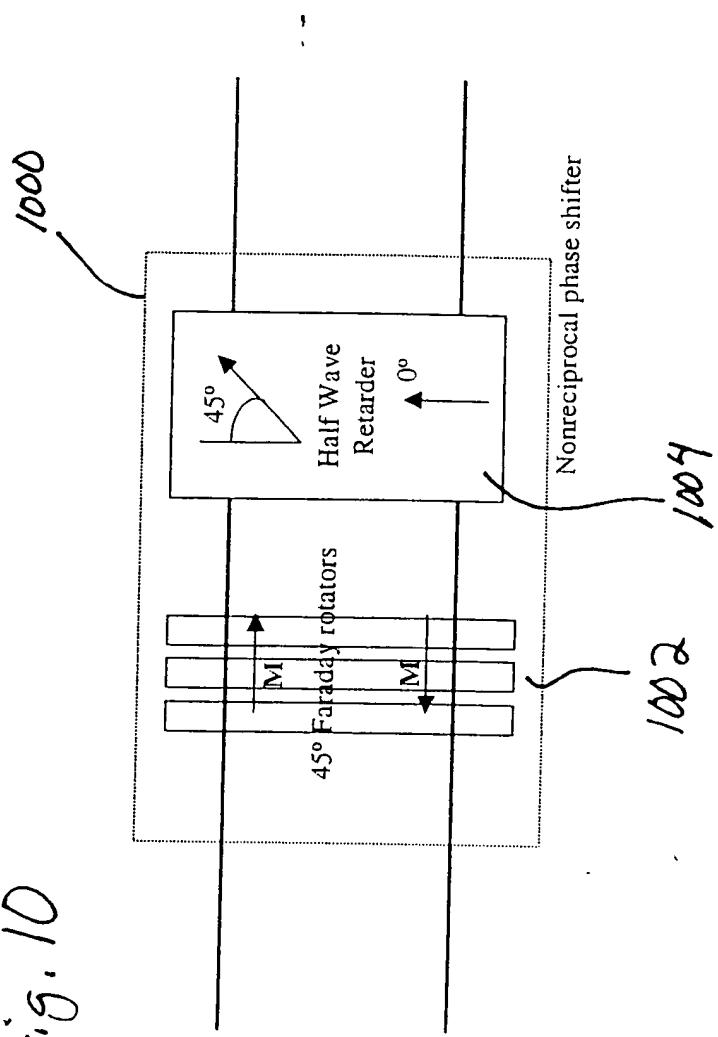


Fig. 11A

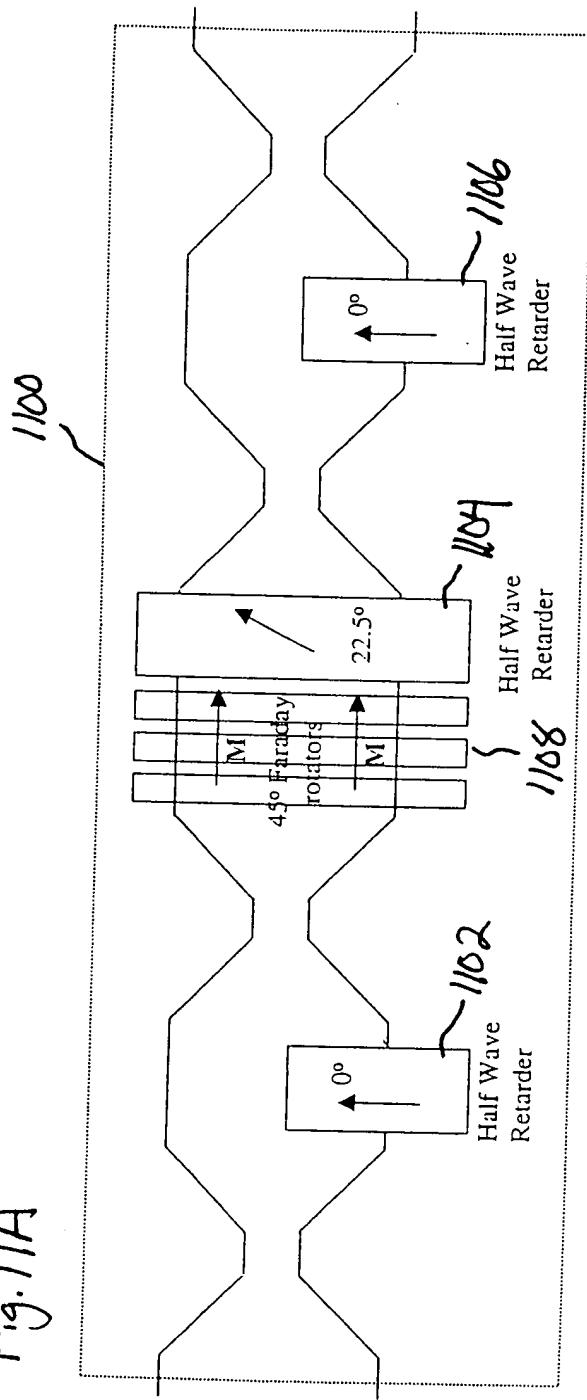
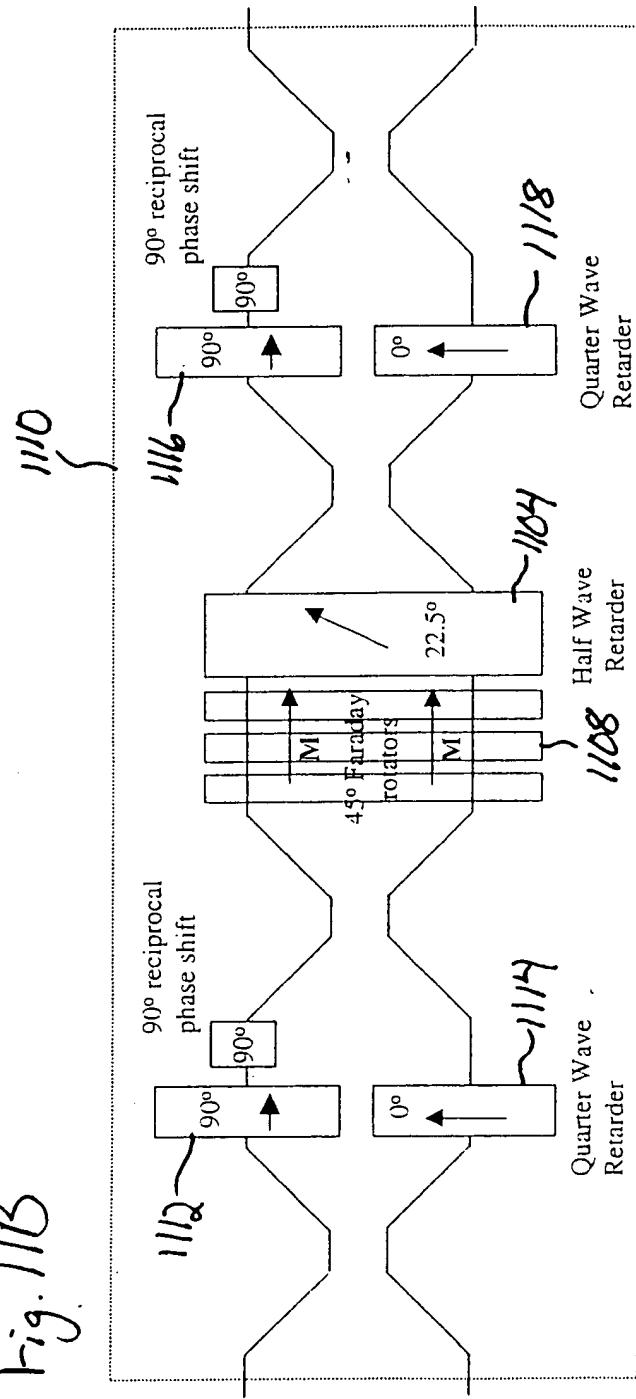


Fig. 11B



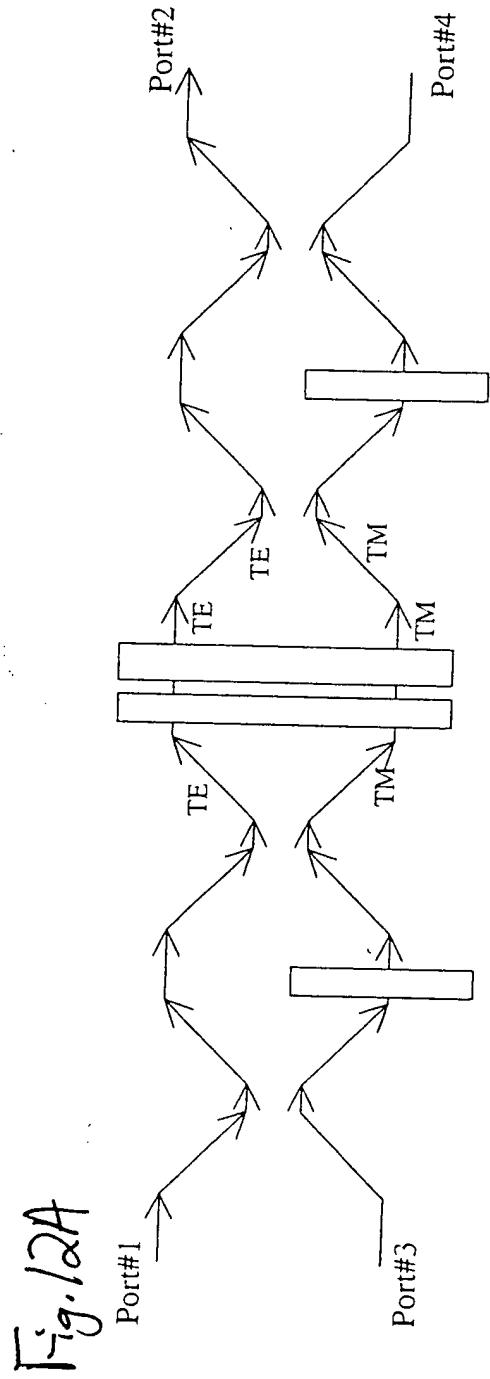


Fig. 12A

